

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Hein et al.

Title: TRANSGENIC PLANTS EXPRESSING  
ASSEMBLED SECRETORY  
ANTIBODIES

Appl. No.: 09/512,736

Filing Date: 02/24/00

Examiner: Collins, Cynthia E.

Art Unit: 1638

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**AMENDMENT TRANSMITTAL**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith in the above-identified application are the following documents:

1. Interview Summary (2 pgs.);
2. Attachment 1 (10 pgs.); and
3. Attachment 2 (5 pgs.)

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date: May 2, 2002

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By Barry S. Wilson

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**INTERVIEW SUMMARY**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicants wish to thank Examiners Housel, Bui and Collins for the courtesy extended to Applicants' representatives and their attorney during the interview held April 25, 2002. Provided herewith as per the examiners' request is Applicants' interview summary record.

The parties briefly discussed the status of the case and the pending claims. An amendment of the claims was filed March 18, 2002.

The examiners requested that Applicants distinguish the art with respect to expression of light chains in plants. Goodman et al. (U.S. Patent No. 4,956,282) was mentioned as an example of such art. Applicants' representatives agreed to consider providing additional supporting argument and/or claim amendment in a supplemental filing.

The examiners also requested that Applicants clarify the identities of the claimed nucleotide sequences. Applicants' representatives indicated that numerous examples of

the support provided in the specification were identified in the Amendment of March 18, 2002.

Applicants' representatives presented an overview of the Lerner declaration and its conclusions with respect to the During dissertation. The examiners raised no issues with respect to Lerner's conclusions.

Attached herewith is a copy of the materials shown to the examiners during the interview. Also attached is a copy of a publication in which the inventors are co-authors (Science, vol. 268, p716-719, May 1995). The examiners' attention is directed to figure 4 on page 718 of the publication which reveals the subcellular localization of antibody heavy and light chains expressed in plant cells.

The Examiner is urged to contact the undersigned by telephone to address any outstanding issues standing in the way of an allowance.

Respectfully submitted,

Date: May 2, 2002

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Enclosures